RELATED COURSES AND PROJECT EXAMPLES

RELEVANT COURSE EXAMPLES

RELATED COURSES

**Physical Activity, Health and Aging**: Examined the impact of aging on fitness, health and patterns of participation in physical activity and recreational pursuits

**Social Psychology**: Researched the social psychological approaches to understanding social influences, social perception and cognition, attitudes and group dynamics

**Brain and Behavior**: Explored the neural basis of learning, memory, language and thinking, as well as pathological, sexual, aggressive and emotional behavior that arises from neural and hormonal malfunctioning

COURSES AND TOPICS OF STUDY

**Introduction to Legal Studies**: Critically evaluated legal philosophical and theoretical texts, studies the way in which the law, politics, and society influence each other and how the law in Canada and other liberal democracies is made and reformed over time

**Liberalism and Legal Issues**: Analyzed the manner in which J.S. Mill’s theoretical discussions have been incorporated into contemporary law with a particular emphasis on Canadian liberties

**Morality, Human Rights and the Law**: Examined how classical sociological thinkers Max Weber and Emile Durkheim analyzed the role of law in society with respect to morality and rights; facilitated a class discuss on Tony Evans book *International Human Rights as Power/Knowledge*

SCIENCE COURSES

**Biochemistry**: Understand and influence the chemical processes of living things, examine the implications of this chemical processes and their interactions

**Biology**: Study cells and molecules, understand life and living organisms, conduct laboratory experiments, complete assignments, prepare technical reports and present research findings

**Botany**: Identify and understand the properties, life cycle and value of plant life forms including algae, fungi, lichens, mosses, ferns, conifers and flowering plants

RELEVANT PROJECT EXAMPLES

**Analysis of a Corporate Website and Social Media Strategy**  
“*Strengthening Social Media in a Corporate World*”  
Fall 2014

- Reviewed ABC company website and conducted and interview about the social media strategies utilized internally and externally
- Created a summary of the website content and internal social media procedures
- Analyzed the website and social media strategies and made recommendations for things they could incorporate to further strengthen communication
- Presented findings of analysis in a written report and in person presentation
- Received an A+ on the project
Oil Spill Clean Up Laboratory Project       Fall 2014
• Conducted laboratory experiments to design the most effective way to clean up a theoretical oil spill
• Collaborated in a team of three other biological science students to create an innovative and effective solution for managing the damage caused by the oil spill
• Compiled and wrote scientific reports detailing our findings
• Created a poster presentation to share our results with the general public

Marketing Plan for Supertech Corporation (Summer 2013)
• Researched Supertech Corporation and identified what they offer and how they want to communicate service to the community
• Met with key stakeholders in the organization to confirm organizational goals
• Co-created a marketing plan and presented findings to senior administration
• Invited back to present findings in a staff meeting

University of Calgary Race Car Team       Fall 2013
• Designed and created an electro-pneumatic gear shifting system for the Race car
  ▪ Managed and delivered quality work under strict time constraints
  ▪ Coordinated preliminary implementation of the device with fellow team members
  ▪ Created successful prototype with expected final installation and testing this season

RELEVANT FIELD WORK OR INTERNATIONAL EXCHANGE EXAMPLES

Exchange Student, Université Paris Descartes       Summer 2014
Paris, France
• Applied and was accepted to a competitive exchange program to learn about French culture and spend the summer immersed in French language development
• Developed written and verbal fluency in French and gave presentations on select topics in French
• Independently travelled and explored culture and history of France
• Created a travel blog and shared learning experiences and suggested for travelers
• Secured a job a summer job for next year and will return to Université Paris Descartes as a Research Assistant

Geology Field School Experience, Redlands, CA       Summer 2014
• Participated in a six week field school, selected as one of 12 students out of 45
• Observed and practiced geologic mapping, measuring stratigraphy, volcanology/sedimentology techniques
• Assisted the research efforts of Dr. Geology and compiled and analyzed survey data
• Composed technical reports and created accurate field notes
• Adapted to living in the field and working within close quarters with different personalities

Archaeology Field School Experience       Fall/Winter 2013
Machu Picchu, Peru
• Travelled to Machu Picchu, Peru and spent eight weeks living with a host family and working with Archaeologists in the field
• Excavated remains under the direction of a senior Archaeologists and demonstrated appropriate shovel and recovery techniques
• Identified artifacts and classified objects
• Assisted professors to catalog and document field work and prepare reports
• Volunteer to take pictures of the site and artifacts when site photographer was sick